

USACE SITREP

DEBRIS

12 September 2017

Mission: Provide Technical Assistance for Debris Recovery per FEMA direction.

USACE TA Reps:

Name	Role	Location
Edward LeBlanc	Debris SME, Team Leader	IOF, Austin
Erica Mark	Debris SME, Field Lead	Field, Team 1
Arianna Raymundo	Debris SMS	Field, Team 1
Heather Grommet	Debris SMS	Field, Team 1
Jonathan Whipple	Debris SMS	Field, Team 1
Steve Sabillo	Debris SMS	Field, Team 1
John Fogarty	Debris SME, Field Lead	Field, Team 2
Issac Brown (Ike)	Debris SMS	Field, Team 2
Dan Williams	Debris SMS	Field, Team 2
Michelle Lockhart	Debris SMS	Field, Team 2
Kim Codde	Debris SMS	Field, Team 2
Jamie Ramirez	Debris SMS	Field, Team 2
Steve Pittman	Debris SMS	Field, Team 2
Robert Powers	Debris SME, Field Lead	Field, Team 3
Sandy Gibson	Debris SMS	Field, Team 3
Steve Lindamood	Debris SMS	Field, Team 3
Dana Wyatt	Debris SMS	JFO Hotline
Faith Bender	Debris SMS	JFO Hotline
Lamar Jenkins	Debris SME, CoTeam Lead	JFO
Gary Lammers	Debris SME	JFO
Jasper Lummus	Debris SME	JFO
Paul Richards (William P.)	Debris SMS	JFO
Scott Brown	Debris SMS	JFO
Robert Stewart (Mike)	Debris SMS	JFO
Tim McKay	Debris SMS	JFO

- I. Current Field Ops
 - a) Technical Assistance

Team 1

- i) Aransas Pass (parts within Aransas, Nueces, and San Patricio counties)
 - (1) Visited DMS site at 236 E Johnson Ave to observe Operations. Observed 4 trucks entrance and egress. All calls made by monitor were reasonable. All trucks left empty.
 - (2) Continue to observed curbside debris removal with no issues to report.
- ii) Port of Aransas (Aransas County)
 - (1) Observed debris hauling ops in several areas on the island, noted 2 monitors for each loader, unclear if this is for training purposes. Will follow up with Metric Eng tomorrow.
 - (2) White goods staging area has filled up quickly, recycling haulers are removing white goods to make space.
 - Port Aransas debris totals: 33,366 CY
 - Aransas Pass debris totals: 88,832 CY
- iii) Other Aransas County
 - (1) No changes to debris operations throughout county. 8 trucks continuing to remove vegetative debris only in Rockport, Fulton and Holiday Beach. 4-5 trucks continue to haul wood chips to landfill in Robstown. 4-5 trailers collecting white goods from ROW—Thompson indicated final disposal location is in Gregory, TX.
 - (2) Monitored debris removal and disposal area operations in Holiday Beach. Area has 1 monitor at disposal area with scissor lift, 1 truck, 1 monitor with truck and 1 skidster. Thompson indicated 1 additional truck moved to area.
 - (3) Monitored operations at C&D disposal site on Airport Rd. Only 1 C&D truck continuing to transfer C&D from transfer station to disposal area (approximately 1 hour cycles). Last load transferred around 1600 hours.
 - (4) Thompson reports a total of 78,745 CY of vegetation hauled in Aransas County as 11 Sep 2017.
 - (5) Followed up with Thompson regarding 2 new disposal sites—Rattlesnake DMS and Banty Lane DMS. Site preparation still ongoing.
- iv) Refugio County
 - (1) Assessed debris at Woodsboro high school (6th and Rogers St). Estimated 6000 CY vegetative debris and 2000 CY of C&D. Will be pushed to ROW for collection.
 - (2) County waiting on hauler Ash Britt to sign mod, then they will issue NTP to Ash Britt to haul and True North to monitor plans.
- v) Victoria County, TX:
 - Met with Jill Trevino to discuss Victoria County estimates and impacted areas. Trevino stated that there are four precincts within the county that includes 10

suburbs around Victoria City Limits. In each precinct there are 2 trucks on average. She has projected to have the first pass for vegetative debris collected in 2 – 3 more weeks and be complete with debris collection in 2 – 3 months for the county. She suggested that Debris SME investigate the Bloomington area for our records as being a high impacted area for C&D.

Team 2

vi) Harris County – excluding City of Houston

- (1) Debris SMS met with TetraTech at 6301 Pinemont Drive, downloaded Harris County maps to a portable hard drive. Debris SMS attended the City of Houston debris status meeting
 - (2) Debris SMS met with TetraTech Harris County Truck Certification yard to obtain monitor & truck locations, 99 units operating today. Received full county debris zone maps.
 - (3) Arrived @ zone 3H2C Drumwood and Timberlake Dr. Observed 2 DRC trucks operating with approximately 250 Cy debris on Drumwood St, photo attached.
 - (4) Arrived @ Saracen St in Harris Co Zone 3H2C and observed DRC loading debris. Arrived at zone 3H2D in Harris Co Cottonwood Ln and noticed monitor doing great job watching for Hazmat and contractor leaving area clean with no debris left in roadway. Eight trucks loaded out this area.
 - (5) Observed DRC loading trucks on Oak Hollow Drive. Noted Televisions being loaded on trucks. Monitor corrected this issue. Informed that 5 trucks loaded with 3 monitors onsite.
 - (6) Visited the Tomball/Harris County Debris Management Site. Total of 80 trucks received today
- Harris County thru 12 Sept 17.
Today (12 Sept 17): 99 trucks/units operating, 441 loads, 16,329 cy
Total (thru 12 Sept 17): 2,075 loads, 79,437 cy

vii) City of Houston

- (1) Debris SMS met with TetraTech at the Houston city truck certification yard. TetraTech indicated DRC has 120 trucks/units handling debris operations. Monitors noted that approximately 40 trucks/units departed to Florida. Obtained printed maps of Sections 3K and 9B where hauling operations are scheduled. Debris being hauled to Republic and Lone Star sites.
- (2) Canvassed Section 3K, noted significant debris stockpiled on the ROW. Observed a self-loader at Homewood and Arlen. Three TetraTech monitors were at the site. As of 1230 hrs, current load is second load for the day.

Monitors were not aware of disposal site the truck was dumping. Monitors also were not aware of any other trucks in the neighborhood.

(3) Trailed self-loader to the McCarty Republic Landfill. A scaffold tower has been erected in lieu of scissor lift, photo attached. Observed monitors inspecting incoming and outgoing trucks. As of 1300 hrs, the monitors recorded 75 loads. Monday total was 190 loads

City of Houston Quantities thru 12 Sept 17.

Total (thru 12 Sept 17): 2,388 loads, 97,927 cy

viii) City of Bellaire

(1) Debris SME contacted City of Bellaire debris coordinator (Mike Leech) and discussed status of debris removal operations. Canvassed areas in the City of Bellaire for debris operations. Observed crew loading debris along Braesvalley Dr. Debris was flood related and was on the ROW. TetraTech Monitor was on site documenting load.

ix) Chambers County

(1) Debris SMS observed TrueNorth certified 2 additional Crowder-Gulf trucks on Monday, 9-11-17. Monday had 5 loads averaging 65-70%

(2) Crowder-Gulf/True-North scheduled to certify 4 additional trucks today. Visited landfill and noted 2 loads as of 1000 hrs. Observed TrueNorth monitor verifying empty trucks upon leaving landfill.

(3) Observed TrueNorth monitors with truck loading in Legends Bay neighborhood: collecting eligible debris within the ROW, photo attached.

(4) Observed 2 trucks (doubles) running in Legends Bay, two trucks in Winnie (singles)

x) Galveston County

City of Dickinson

(1) Debris SMS visited Debris Management Site at 1300 Hughes Rd and spoke to TetraTech monitors: 6 trucks running, 44 loads as of 2:30pm. New outbound tower built, currently verifying empty trailers.

(2) Observed TetraTech monitor with Crowder-Gulf truck loading eligible debris at Meadow Ln. Monitor indicated 12 trucks are running, photo attached.

(3) Visited Debris Management Site at 3820 Gulf Fwy. No additional debris being hauled in at this time. This site was originally for citizens to drop off. Crowder-Gulf managing site, will start to off haul to landfill photo attached.

xi) League City

(1) Visited North County Landfill (3304 N Wyoming Ave). League City, Nassau Bay and Seabrook all hauling to this site. Observed monitor estimating loads, photo attached. 6 doubles running today.

xii) Seabrook

(1) No trucks running today

xiii) Nassau Bay

(1) Noted one truck running, hauling to North County Landfill (3304 N Wyoming Ave)

xivi) Sante Fe

(1) Visited County Landfill at 3935 Ave 8, Sante Fe. Spoke to Thompson monitor. Crowder-Gulf hauled 17 loads as of 1600 hrs. Monitor noted that 2 trucks left yesterday for Florida.

(2) Debris SME contacted City of Sante Fe debris coordinator (Capt Knowes, Sante Fe Police Dept) and discussed status of debris removal operations.

xv) Brazoria County

Alvin City

(1) Debris SMS visited County Landfill at 21000 E Hwy 6, Alvin, 2 trucks running, 11 loads as of 5pm

Team 3

Beaumont Area (Hardin, Jefferson, Orange counties)

(1) Met individually with the Hardin County and these Cities Lumberton, Sour Lake, Silsbee, Kountze and county section of Silsbee. The County went thru the procurement process of vetting the contractors and have ASH Britt as the hauler and Providence as the monitor. All the other cities signed their own contracts with both but used the counties vetting procedures. They are going to be ticketed separately as to each city or county by Providence. They will be using the same TDMS site that is permitted by TCEQ. The address is 5241 FM 421. Coordinates 30.215315-94.264458. They are providing contracts that will be forwarded to the JFO. Providence will be send me the daily totals for all.

(2) Port Arthur validated debris quantities in North East quadrant. Monitored TDMS site on 60th Street. 68,000 CY.

(3) Met with Sgt. Aleta Cappen with the City of Vidor police department and obtained city maps and Map Books for the Counties of Hardin, Jefferson, and Orange. Ms. Cappen's contact info is on the sign-in sheet for the meeting in West Orange earlier in the week. She discussed the areas of impact within the city, which is most of the city according to her, however no estimates were available since she was unfamiliar with how to perform estimates. She stated Rose City wanted to be at the meeting in West Orange, but much of the city is still inundated.

(4) Conducted Debris estimates in the City of Vidor North of I-10 and hope to finish the city South of I-10 this afternoon and evening. Estimated approximately 58,000 CY North of I-10; Estimate South of I-20 is 22,000, for total for the City of Vidor of 80,000 CY

xi) Houston

(1) Team gathered information for debris volume estimates in the two areas designated for Tuesday night's flight. Conducted site visit of the Harlem Rd DMS and worked up volume estimates for comparison of data collected from tonight's flight. Participated in conference call for coordination of the next few night's flights

II. Future Operations

a) Technical Assistance

- i) Team 1 – Visit Bloomington, TX to visualize C&D impacted area
- ii) Team 1 - Contact Tetra Tech, Kim Bowyer (407)803-2557).
- iii) Team 1 - Follow up with Refugio on contracts
- iv) Team 1 - Contact Victoria Emergency Manager Jill Trevino (512)775-9994 to obtain county estimates.
- v) Team 2 - Monitor debris operations in Chambers County/Liberty County
- vi) Team 2 - Monitor debris operations in Harris County
- vii) Team 2 - Monitor debris operations in City of Houston
- viii) Team 2 - Monitor debris operations in Harris County
- ix) Team 2 - Monitor debris operations in Galveston County/Brazoria County.
- x) Team 2 - Monitor debris operations in Fort Bend County
- xi) Team 2 – Provide aid to LIDAR surveying
- xii) Team 2 - Continue to update debris County/City database.
- xiii) Team 2 - Review model data and update based on field observations.
- xiv) Team 3 - Validate debris in Port Arthur Estimates and observe hauling and monitoring
- xv) Team 3 -Validate debris estimates in Orange County
- xvi) Team 3 -Meet with City of Orange to obtain contracts for hauler and monitor and where debris is going
- xvii) Team 2 - Team will revisit the sites tomorrow to confirm estimates. Team will coordinate areas with heavy concentrations of debris for future flight plan coordination.